

PATENT COOPERATION TREATY

WO 2004/015003
PCT/KR2003/000883

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From the INTERNATIONAL BUREAU

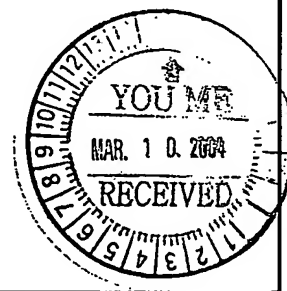
PCT

NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

YOU ME PATENT & LAW FIRM
Teheran Bldg., 825-33
Yoksam-dong, Kangnam-ku
Seoul 135-080
RÉPUBLIQUE DE CORÉE



Date of mailing (day/month/year) 19 February 2004 (19.02.2004)		
Applicant's or agent's file reference OPP030280KR		IMPORTANT NOTICE
International application No. PCT/KR2003/000883	International filing date (day/month/year) 02 May 2003 (02.05.2003)	Priority date (day/month/year) 08 August 2002 (08.08.2002)
Applicant SK CHEMICALS CO., LTD. et al		

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

EP, JP, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

None

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 19 February 2004 (19.02.2004) under No. WO 2004/015003

4. **TIME LIMITS for filing a demand for international preliminary examination and for entry into the national phase**

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 30 MONTHS from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of 19 months from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a demand for international preliminary examination, see the *PCT Applicant's Guide*, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Gijsbertus Beijer - Carlos Roy
Facsimile No. (41-22) 740.14.35	Telephone No. (41-22) 338.91.11

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 03/00883-0

CLASSIFICATION OF SUBJECT MATTER		
IPC ⁷ : C07C 63/38, C07C 51/265		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC ⁷ : C07C 63/38, C07C 51/265		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
STN:CAS		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1999/018059 A1 (Eastman Chemical Company) 15 April 1999 (15.04.1999) <i>claims, page 3, line 28 - page 6, line 26</i>	1-6
P,X	WO 2003/022791 A1 (Lonza Spa) 20 March 2003 (20.03.2003) <i>claims, example.</i>	1-3,4,5,7
Y	US 5183933 A1 (Jon J. Harper et al.) 2 February 1993 (02.02.1993) <i>claims, examples, table III.</i>	1-6
Y	US 4950786 A1 (Paul A. Sanchez et al.) 21 August 1990 (21.08.1990) <i>claims, examples</i>	1-3,5
Y	JP 06 279356 A2 (Mitsubishi Petrochemical Co. Ltd) 4 October 1994 (04.10.1994) (abstract) retrieved on 12.3.2004 retrieved from STN CAS Database	1,2,7
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: „A“ document defining the general state of the art which is not considered to be of particular relevance „E“ earlier application or patent but published on or after the international filing date „L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) „O“ document referring to an oral disclosure, use, exhibition or other means „P“ document published prior to the international filing date but later than the priority date claimed „T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention „X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone „Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art „Z“ document member of the same patent family		
Date of the actual completion of the international search 12 March 2004 (12.03.2004)		Date of mailing of the international search report 5 May 2004 (05.05.2004)
Name and mailing address of the ISA/AT Austrian Patent Office Dresdner Straße 87, A-1200 Vienna Facsimile No. 1/53424/535		Authorized officer HOFBAUER P. Telephone No. 1/53424/225

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 03/00883-0

Patent document cited in search report			Publication date	Patent family member(s)		Publication date	
JP	A	6279356A 2		none			
US	A	4950786	1990-08-21	CA	C	1326860	1994-02-08
				KR	B	137665	1998-04-30
				MX	B	169910	1993-07-30
				EP	A	0329273	1989-08-23
				DE	T	68925222T	1996-05-15
US	A	5183933	1993-02-02	SG	A	94682	2003-03-18
				JP	B	3390169B2	2003-03-24
				DE	T	69230967T	2000-12-14
				ES	T	2145749T	2000-07-16
				DE	D	69230967D	2000-05-31
WO	A	19990180 59		none			
WO	A	20030227 91		none			

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